

**Remarks:**

1. Claims 15 – 18 are rejected under 35 U.S.C. 102(e) as being anticipated by Lin, et al. (U.S. Patent Number 6,725,707; hereinafter referred to as Lin).
  - a. Applicant has included attached 37 CFR §1.131 Affidavit and Appendices 1 & 2 as evidence of the instant invention being conceived and simulated prior to the filing date of US Patent 6,725,707. Consequently, US Patent 6,725,707 is not available as prior art and claims 15-18 should be in condition for allowance.
2. Claims 1-5, 8, 9-14, 19, and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilson et al. (U.S. Patent Number 6,810,718; hereinafter referred to as Wilson).
  - a. Claims 1-5 are canceled.
  - b. Re claim 8, applicant has added the limitation "whereby said oil is not moved through said tubular flow guide by any external force, but by convection created by said heating element" to claim 8. Wilson teaches a system under pressure (Figure 2) whereas in applicant's invention the flow through the tubular flow guide occurs as a result of convection from the heating of the fluid in the guide by the heating element. Applicant contends that this patentably distinguishes instant claim 8 over Wilson and that claim 8 is now in condition for allowance.

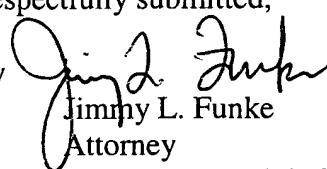
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- c. Re claims 9-14, as claims 9-14 depend from claim 8, for at least the reasons cited in point 2(b), applicant contends that claims 9-14 are in condition for allowance.
- d. Claims 19 and 20 are canceled.

3. Claims 6 and 7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
  - a. Applicant has amended claim 6 to include all of the limitations of claim 1. Consequently, applicant contends that claim 6 is now in condition for allowance.
  - b. Claim 7 depends from claim 6. Therefore, for at least the reasons cited in point 3(a), applicant contends that claim 7 is in condition for allowance.

Applicants believe that the application is now in condition for allowance and look forward to a timely Notice of Allowance.

Although no fees are believed due, the Commissioner is authorized to charge our Deposit Account No. 50-0831 for any fees or credit the account for any overpayment.

Respectfully submitted,  
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